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**POLLUTION REPORT****I. HEADING**

**Date:** December 10, 1999

**Subject:** Sauget Area 2, Site Q, Cahokia, St. Clair County, Illinois

**From:** Kevin Turner, U.S. EPA On-Scene Coordinator, Region 5

**To:** K. Mould, U.S. EPA, OSWER, Washington, DC  
R. Karl, Chief, Emergency Response Branch  
S. Faryan, Chief, Emergency Response Section II  
B. Messenger, Chief, Emergency Enforcement Section  
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L. Smith, CO, Acquisition and Assistance Branch  
B. Everetts, Illinois EPA  
C. Morin, Illinois EPA  
T. Miller, Illinois EPA

**POLREP:** #4 Fund Lead Removal

**II. BACKGROUND**

<b>Site No:</b> 05XX	<b>Task Order No:</b> 0047
<b>CERCLIS No:</b> ILD000605790	<b>Response Authority:</b> CERCLA
<b>NPL Status:</b> Non NPL	<b>State Notification:</b> 10/21/98
<b>Start Date:</b> 10/18/98	<b>Demobilization Date:</b> N/A
<b>Completion Date:</b> N/A	<b>Status of Action Memorandum:</b>
	Signed 09/24/99

**III. SITE DESCRIPTION**

- A. Incident Category:** Former waste disposal site
- B. Site Location:** 70 Cargill Road  
Cahokia, Illinois 62206
- Site Latitude: 38°34'93.5"  
Site Longitude: 90°12'0.6"

**1. Site description:**

See initial Pollution Report for site background.

## 2. Description of threat:

See initial Pollution Report for description of threat.

### C. Preliminary Assessment/Site Inspection Results

See initial Pollution Report for Preliminary Assessment.

## IV. RESPONSE INFORMATION

### A. Situation

#### 1. Current situation:

Three areas have been excavated to date based on visual observations and the magnetic locator. An additional area has been marked using the magnetic locator, which lead to the discovery of drums at the surface within the brush. Additional layers of waste and associated soil have been excavated from each of the three areas under investigation. The fixation of lead in the initial soil excavated from Area-01 has begun. Analytical results of the first series of treated soil will be used to refine the treatment process required to meet regulatory disposal requirements.

Approximatley 850 drums and drum carcasses have been excavated from the three areas presently being excavated. Those drums that were empty have been crushed and staged for disposal. Those that contained waste were examined to determine the type of waste stream present. Seven different waste streams were identified. Samples were collected from individual drums within each waste stream. Analytical results are pending for these samples. Wastes in drums is presently being removed. Those drum carcasses are being added to the crushed drum pile. All soil and crushed drums have been covered to keep contamination from spreading via high winds or rain events.

#### 2. Removal activities to date:

ERRs has been excavating in an elevated area within the east pond. Approximatley 850 drums have been removed from this area. Contaminated soil from the excavation have been staged on plastic in an area on the property for treatment and/or transportation. Drums have been staged on plastic adjacent to the soil. Each drum has been numbered and if possible a portion has been sampled. A second composite sample from drums 300-400 has been collected, analysis is pending. A composite sample of the second soil stockpile has also been collected to determine disposal options. To date approximately 5,000 yards of contaminated soil has been staged for disposal at the

site.

### 3. Enforcement:

Cost recovery actions are pending.

#### B. Planned Removal Actions

- Excavate buried waste and drums and contaminated soil from Area-01 and Area-02.
- Excavate drums and impacted soil from Area-04.
- Blend soil with lead fixing agent.
- Sample treated soil for disposal.
- Off-site disposal of drums and soil via railcar.
- Identify potentially new areas using the magnetometer.
- Soil sampling throughout the area

#### C. Next Steps

Continue to identify and excavate drums and contaminated soil.  
Construct access to the rail spur and loading ramp.

#### D. Key Issues

- Determine the waste characteristics to determine the method of disposal.
- Determine the extent of contamination on site

#### V. COSTS

Total Cleanup Contractor (e.g., ERRS) Costs	\$215,000.00
START	\$20,000.00
U.S. EPA	\$11,400.00
<u>TOTAL SITE COST</u>	<u>\$246,400.00</u>
Project Ceiling	\$2,400,000.00
Project Funds Remaining (percentage)	90.%

The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor. Other financial data, which the OSC must rely upon, may not be entirely up to date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

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**VI. DISPOSITION OF WASTES**

<u>Wastestream</u>	<u>Medium</u>	<u>Quantity</u>	<u>Containment</u>	<u>Treatment</u>	<u>Disposal</u>
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Disposal options are being evaluated.